



Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

Scotchgard™ Oxy Carpet & Fabric Spot and Stain Remover (Cat. No. 1022-6R/1032-6R)

Product Identification Numbers

70-0051-0123-6, 70-0051-0124-4, 70-0051-0130-1, 70-0051-1807-3

1.2. Recommended use and restrictions on use

Recommended use

Carpet stain remover

1.3. Supplier's details

| | |
|----------------------|---|
| MANUFACTURER: | 3M |
| DIVISION: | New Business Ventures |
| ADDRESS: | 3M Center, St. Paul, MN 55144-1000, USA |
| Telephone: | 1-888-3M HELPS (1-888-364-3577) |

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

2.2. Label elements

Signal word

Not applicable.

Symbols

Not applicable.

Pictograms

Not applicable.

2.3. Hazards not otherwise classified

None.

SECTION 3: Composition/information on ingredients

| Ingredient | C.A.S. No. | % by Wt |
|-----------------------|---------------|---------|
| Water | 7732-18-5 | 90 - 95 |
| Hydrogen Peroxide | 7722-84-1 | 1 - 4 |
| Polymer Resin | Trade Secret* | 1 - 3 |
| Sodium Lauryl Sulfate | 151-21-3 | 1 - 2 |
| 1-Methoxy-2-Propanol | 107-98-2 | < 1 |

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Remove person to fresh air. If you feel unwell, get medical attention.

Skin Contact:

Wash with soap and water. If you are concerned, get medical advice.

Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide

Carbon dioxide

Hydrogen Sulfide

Oxides of Sulfur

Toxic Vapor, Gas, Particulate

Condition

During Combustion

During Combustion

During Combustion

During Combustion

During Combustion

5.3. Special protective actions for fire-fighters

No unusual fire or explosion hazards are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep out of reach of children. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid release to the environment.

7.2. Conditions for safe storage including any incompatibilities

Store away from areas where product may come into contact with food or pharmaceuticals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

| Ingredient | C.A.S. No. | Agency | Limit type | Additional Comments |
|----------------------|------------|--------------------------------|-----------------------------------|---------------------|
| 1-Methoxy-2-Propanol | 107-98-2 | Amer Conf of Gov. Indust. Hyg. | TWA:50 ppm;STEL:100 ppm | |
| Hydrogen Peroxide | 7722-84-1 | Amer Conf of Gov. Indust. Hyg. | TWA:1 ppm | |
| Hydrogen Peroxide | 7722-84-1 | US Dept of Labor - OSHA | TWA:1.4 mg/m ³ (1 ppm) | |

Amer Conf of Gov. Indust. Hyg. : American Conference of Governmental Industrial Hygienists

American Indust. Hygiene Assoc : American Industrial Hygiene Association

Chemical Manufacturer Rec Guid : Chemical Manufacturer's Recommended Guidelines

US Dept of Labor - OSHA : United States Department of Labor - Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

8.2. Exposure controls

8.2.1. Engineering controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety Glasses with side shields

Skin/hand protection

No chemical protective gloves are required.

Respiratory protection

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for particulates

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|------------------------------|
| General Physical Form: | Liquid |
| Odor, Color, Grade: | Clear liquid solution. |
| Odor threshold | <i>No Data Available</i> |
| pH | 6 |
| Melting point | <i>Not Applicable</i> |
| Boiling Point | 212 °F |
| Flash Point | Flash point > 93 °C (200 °F) |
| Evaporation rate | <i>No Data Available</i> |
| Flammability (solid, gas) | Not Applicable |
| Flammable Limits(LEL) | <i>Not Applicable</i> |
| Flammable Limits(UEL) | <i>Not Applicable</i> |
| Vapor Pressure | 18 mmHg [@ 68 °F] |
| Density | 1 g/ml |
| Specific Gravity | 1 [Ref Std: WATER=1] |
| Solubility in Water | Complete |
| Solubility- non-water | <i>No Data Available</i> |
| Partition coefficient: n-octanol/ water | <i>No Data Available</i> |
| Autoignition temperature | <i>No Data Available</i> |
| Decomposition temperature | <i>No Data Available</i> |
| Volatile Organic Compounds | 1 % |

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non reactive under normal use conditions.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Reducing agents

10.6. Hazardous decomposition products

| <u>Substance</u> | <u>Condition</u> |
|------------------|------------------|
| None known. | |

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation.

Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

| Name | Route | Species | Value |
|-----------------------|--------------------------------|---------|---|
| Overall product | Dermal | | No data available; calculated ATE > 5,000 mg/kg |
| Overall product | Ingestion | | No data available; calculated ATE > 5,000 mg/kg |
| Hydrogen Peroxide | Dermal | Rabbit | LD50 > 2,000 mg/kg |
| Hydrogen Peroxide | Inhalation-Dust/Mist (4 hours) | Rat | LC50 2 mg/l |
| Hydrogen Peroxide | Ingestion | Rat | LD50 1,193 mg/kg |
| Sodium Lauryl Sulfate | Inhalation-Dust/Mist | | LC50 > 0.975 mg/l |
| Sodium Lauryl Sulfate | Dermal | Rabbit | LD50 580 mg/kg |
| Sodium Lauryl Sulfate | Ingestion | Rat | LD50 1,650 mg/kg |
| 1-Methoxy-2-Propanol | Dermal | Rabbit | LD50 11,000-13,800 mg/kg |
| 1-Methoxy-2-Propanol | Inhalation-Vapor (4 hours) | Rat | LC50 56 mg/l |
| 1-Methoxy-2-Propanol | Ingestion | Rat | LD50 6,100 mg/kg |

ATE = acute toxicity estimate

Skin Corrosion/Irritation

| Name | Species | Value |
|-----------------------|---------------|--------------------|
| Overall product | Rabbit | Minimal irritation |
| Hydrogen Peroxide | Rabbit | Corrosive |
| Sodium Lauryl Sulfate | Rabbit | Irritant |
| 1-Methoxy-2-Propanol | Not available | Minimal irritation |

Serious Eye Damage/Irritation

| Name | Species | Value |
|-----------------------|---------------|---------------|
| Hydrogen Peroxide | Rabbit | Corrosive |
| Sodium Lauryl Sulfate | Rabbit | Corrosive |
| 1-Methoxy-2-Propanol | Not available | Mild irritant |

Skin Sensitization

| Name | Species | Value |
|----------------------|------------|-----------------|
| Hydrogen Peroxide | Guinea pig | Not sensitizing |
| 1-Methoxy-2-Propanol | Guinea pig | Not sensitizing |

Respiratory Sensitization

| Name | Species | Value |
|------|---------|-------|
| | | |

Germ Cell Mutagenicity

| Name | Route | Value |
|----------------------|----------|--|
| Hydrogen Peroxide | In vivo | Not mutagenic |
| Hydrogen Peroxide | In Vitro | Some positive data exist, but the data are not sufficient for classification |
| 1-Methoxy-2-Propanol | In Vitro | Not mutagenic |

Carcinogenicity

| Name | Route | Species | Value |
|----------------------|------------|-------------------------|--|
| Hydrogen Peroxide | Dermal | Multiple animal species | Some positive data exist, but the data are not sufficient for classification |
| Hydrogen Peroxide | Ingestion | Mouse | Some positive data exist, but the data are not sufficient for classification |
| 1-Methoxy-2-Propanol | Inhalation | Multiple animal species | Some positive data exist, but the data are not sufficient for classification |

Reproductive Toxicity

Reproductive and/or Developmental Effects

| Name | Route | Value | Species | Test Result | Exposure Duration |
|----------------------|------------|--|---------|-----------------------|-------------------|
| Hydrogen Peroxide | Ingestion | Some positive female reproductive data exist, but the data are not sufficient for classification | Rat | LOAEL 5 mg/kg/day | 6 months |
| Hydrogen Peroxide | Ingestion | Some positive male reproductive data exist, but the data are not sufficient for classification | Rat | LOAEL 5 mg/kg/day | 6 months |
| Hydrogen Peroxide | Ingestion | Some positive developmental data exist, but the data are not sufficient for classification | Rat | LOAEL 5 mg/kg/day | during gestation |
| 1-Methoxy-2-Propanol | Inhalation | Not toxic to male reproduction | Rat | NOAEL 11.0 mg/l | 2 generation |
| 1-Methoxy-2-Propanol | Ingestion | Some positive female reproductive data exist, but the data are not sufficient for classification | Mouse | NOAEL 3,328 mg/kg/day | 2 generation |
| 1-Methoxy-2-Propanol | Inhalation | Some positive female reproductive data exist, but the data are not sufficient for classification | Rat | NOAEL 3.7 mg/l | 2 generation |
| 1-Methoxy-2-Propanol | Ingestion | Some positive male reproductive data exist, but the data are not sufficient for classification | Mouse | NOAEL 3,328 mg/kg | 2 generation |
| 1-Methoxy-2-Propanol | Ingestion | Some positive developmental data exist, but the data are not sufficient for classification | Rat | NOAEL 370 mg/kg | during gestation |
| 1-Methoxy-2-Propanol | Inhalation | Some positive developmental data exist, but the data are not sufficient for classification | Rat | NOAEL 3.7 mg/l | 2 generation |

Target Organ(s)

Specific Target Organ Toxicity - single exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|-----------------------|------------|-----------------------------------|--|------------------------|---------------------|------------------------|
| Hydrogen Peroxide | Inhalation | respiratory irritation | May cause respiratory irritation | Human | NOAEL Not available | |
| Hydrogen Peroxide | Ingestion | nervous system | Some positive data exist, but the data are not sufficient for classification | Human | LOAEL Not available | poisoning and/or abuse |
| Sodium Lauryl Sulfate | Inhalation | respiratory irritation | May cause respiratory irritation | similar health hazards | NOAEL Not available | |
| 1-Methoxy-2-Propanol | Dermal | central nervous system depression | Some positive data exist, but the data are not sufficient for classification | Rabbit | NOAEL 1,800 mg/kg | 13 weeks |
| 1-Methoxy-2-Propanol | Inhalation | central nervous system depression | May cause drowsiness or dizziness | Human | NOAEL Not available | |

Specific Target Organ Toxicity - repeated exposure

| Name | Route | Target Organ(s) | Value | Species | Test Result | Exposure Duration |
|----------------------|-----------|-------------------------------|--|---------|-----------------------|-------------------|
| Hydrogen Peroxide | Ingestion | hematopoietic system | Some positive data exist, but the data are not sufficient for classification | Rat | NOEL 0.005 mg/kg/day | 6 months |
| Hydrogen Peroxide | Ingestion | liver kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Mouse | NOAEL Not available | 35 weeks |
| 1-Methoxy-2-Propanol | Dermal | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rabbit | NOAEL 1,800 mg/kg/day | 13 weeks |
| 1-Methoxy-2-Propanol | Dermal | hematopoietic system | All data are negative | Rabbit | NOAEL 1,000 mg/kg/day | 3 weeks |

| | | | | | | |
|----------------------|------------|-------------------------------|--|-----|---------------------|----------|
| 1-Methoxy-2-Propanol | Inhalation | kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 3.7 mg/l | 13 weeks |
| 1-Methoxy-2-Propanol | Inhalation | liver | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 11 mg/l | 13 weeks |
| 1-Methoxy-2-Propanol | Inhalation | hematopoietic system | All data are negative | Rat | NOAEL 2.2 mg/l | 10 days |
| 1-Methoxy-2-Propanol | Ingestion | liver kidney and/or bladder | Some positive data exist, but the data are not sufficient for classification | Rat | NOAEL 920 mg/kg/day | 13 weeks |

Aspiration Hazard

| Name | Value |
|------|-------|
| | |

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information**Ecotoxicological information**

Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material and/or its components.

Chemical fate information

Please contact the address or phone number listed on the first page of the SDS for additional chemical fate information on this material and/or its components.

SECTION 13: Disposal considerations**13.1. Disposal methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. As a disposal alternative, utilize an acceptable permitted waste disposal facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information**15.1. US Federal Regulations**

Contact 3M for more information.

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - No

15.2. State Regulations

Contact 3M for more information.

15.3. Chemical Inventories

The components of this material are in compliance with the provisions of Australia National Industrial Chemical Notification and Assessment Scheme (NICNAS). Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the new substance notification requirements of CEPA.

The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information.

The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact 3M for more information.

15.4. International Regulations

Contact 3M for more information.

| |
|--|
| This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200. |
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SECTION 16: Other information

NFPA Hazard Classification

Health: 1 **Flammability:** 1 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification

Health: 1 **Flammability:** 1 **Physical Hazard:** 0 **Personal Protection:** X - See PPE section.

Hazardous Material Identification System (HMIS® III) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® III ratings are to be used with a fully implemented HMIS® III program. HMIS® is a registered mark of the American Coatings Association (ACA).

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